

Introductory Lessons on Stem Cells and Regenerative Medicine

You can download four versions of our introductory Stem Cells and Regenerative Medicine PowerPoint presentation, each adapted to specific class subjects/durations here. Each includes a script (with detailed explanation), as well as videos with and without audio. These introductory lessons provide an overview of the field of stem cell research and regenerative medicine and we recommend they be taught before exposing students to the more focused, in-depth material contained in the modules and supplementary PowerPoint presentations.

Download an Introductory Presentation

Note: All presentations may be shortened to fit your class period. Preview the smaller files, then download the bigger files to give as presentations. In the bigger files, if a video doesn't work, try re-inserting the movie file into the slide.

Preview "Stem Cells and Regenerative Medicine" (Small files, no videos)

- PowerPoint for biology or anatomy/physiology classes – given in <50 minutes
 - Handout 1: Draw embryonic development
 - Handout 2: Facts about stem cell research
- PowerPoint for biotechnology classes - given in <50 minutes
- PowerPoint for AP Biology or advanced biology classes – given in <90 minutes
- PowerPoint for chemistry or AP chemistry classes – given in <50 minutes

Download the Full Presentations with script/notes and videos (Big files with videos)

PC DOWNLOAD LIST (Need to unzip .rar files to open presentation.)

- Biology or Anatomy/Physiology
- Biotechnology
- AP Biology or Advanced Biology
- Chemistry or AP Chemistry

MAC DOWNLOAD LIST (Need to unzip .zip files to open presentation.)

- Biology or Anatomy/Physiology
- Biotechnology
- AP Biology or Advanced Biology
- Chemistry or AP Chemistry

Schedule the Presentation of an Introductory Lesson

University students familiar with stem cell science are available to deliver introductory lessons to your class. You can request one presentation or multiple presentations to different classrooms on a single school day. You can also request that a stem cell scientist give the presentation on Stem Cell Awareness Day, which takes place in late September annually.

To schedule a presenter, contact the **Stem Cell Education Outreach Program coordinator** closest to your high school:

- The Scripps Research Institute, UC San Diego, San Diego State University
- Stanford University
- UC Berkeley
- UC Irvine

Although University-based SCEOPs can schedule presentations any time their own school is in session, you may want to schedule yours

in the spring (before or after AP exams) to build on what your students have learned during the year. Presenters can contact you prior to the presentation to learn how they can tailor the standardized material to meet the knowledge level and attention span of your students. To encourage active audience participation, we recommend a maximum audience size of 35 students; large assemblies are not the most effective environment in which to convey this material.

Source URL: <http://www.cirm.ca.gov/our-progress/introductory-lessons-stem-cells-and-regenerative-medicine>